

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/36577

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/52, 33/58, 33/542
 US CL : 436/537, 800, 805, 808, 826; 252/316; 422/61

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 436/537, 800, 805, 808, 826; 252/316; 422/61

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EAST, PALM

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,372,745 A (MANDLB et al.) 08 February 1983 (08.02.1983), col. 10, lines 51-68; col. 19, lines 43-49.	1-4, 11-19, 21-23, 26-33, 35-37, 40-51, 54-60, 62-65
Y	US 5,252,459 A (TARCHA et al.) 12 October 1993 (12.10.1993), col. 5, line 55-col. 7, line 50.	1-4, 6-8, 11-19, 21-23, 26-33, 35-37, 40-51, 54-60, 62-65

Further documents are listed in the continuation of Box C.

See patent family annex.

-	Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"
"B"	earlier application or patent published on or after the international filing date	"X"
"Z"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or for another reason (as specified)	"Y"
"D"	document referring to an oral disclosure, use, exhibition or other means	"G"
"P"	document published prior to the international filing date but later than the priority date claimed	document member of the same patent family

Date of the actual completion of the international search

21 March 2005 (21.03.2005)

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